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SOCIETY AFFAIRS

THE ANNUAL CONVENTION

The Forty-first Annual Convention was formally opened on June 7, 1921 at the Hollenden Hotel, Cleveland, Ohio. On June 6, however, the executive committee had a preliminary meeting, while other standing and special committees also transacted their business. On the same day the Council on Standardization, with George A. Fuller presiding, conducted an informal discussion of the proposed scope and policies of the Council.

On the evening of June 6, a dance and reception were held at the Hollenden Hotel. Director Thomas S. Farrell of the Cleveland Department of Public Works, presented the "key of Cleveland" to President Beekman C. Little, on behalf of Mayor Fitzgerald of the city of Cleveland, who was unable to be present. President Little responded with a brief speech of acceptance.

Morning Session, June 7. Presiding officer, President Little.

After the official opening of the convention, the result of the election of officers was announced. President, Dr. Edward Bartow; vice-president, W. S. Cramer; treasurer, William W. Brush; trustee, District 1, George C. Gensheimer; trustee, District 3, J. Chris Jensen.

The chairman appointed a committee on resolutions consisting of Carleton E. Davis and John M. Goodell.

The following papers illustrated by lantern slides were presented and discussion was reserved until they had all been given:

"Construction Program of the Cleveland Water Works," A. V. Ruggles.

"A Reservoir Vs. Additional Pumping Equipment for Supplying Peak Demands,"¹ L. A. Quayle.

"Cleveland's Water System in Story and Picture," G. E. Flower.

"A Sanitary Survey of Lake Erie Opposite Cleveland with Reference to the Location of New Water Works Intakes," J. W. Ellms.

"Investigation for Causes of Obnoxious Tastes and Odors Sometimes Occurring in the Cleveland Water Supply," J. W. Ellms and W. C. Lawrence.

¹ See page 463 of this JOURNAL.

"The Rate of Solution of Sulphate of Alumina, with Reference to the Design of Solution Tanks,"² J. W. Ellms, A. G. Levy, and L. A. Marshall.

The above papers were discussed by Messrs. Habermeyer, C. Arthur Brown, John N. Chester, A. G. Levy, C. R. McFarland, J. W. Ellms, and L. A. Quayle.

Owing to lack of time, the following papers were read by title only:

"Division Pumping Station, a Description of the Station and its Operation,"³ J. N. H. Christman.

"Fairmont Municipal Heating Plant, a Description of the Largest Municipal Heating Plant and its Operation," H. W. Kaiser.

In this morning session, George E. Cripps introduced a resolution expressing the regret of the convention that Charles R. Wood was compelled to be absent because of an injury and offering to him wishes for a speedy recovery. The Secretary was instructed to forward a copy of the resolution to Mr. Wood.

Afternoon Session, June 7. Presiding officer, President Little.

The following papers were presented:

"The Waste of Water in Detroit," George H. Fenkell; discussion by William W. Brush, John N. Chester, H. P. Bohmann, A. P. Clafin, and the author.

"The Results of Cleaning Water Mains at Kansas City,"⁴ C. S. Foreman; discussion by W. W. Brush, H. P. Bohmann, Philip Carlin, J. N. Chester, and the author.

"Water Rates," Nicholas S. Hill, Jr.

"Water Rates."⁵ E. E. Bankson, D. E. Davis, and C. A. Finley. The last two papers were discussed jointly by J. N. Chester, Allen Hazen, Philip Burgess, W. W. Brush, J. W. Ledoux, H. C. Crowell, and the authors.

The Chair announced the election of the following members of the Nominating Committee: District 1, Patrick Gear; District 2, J. Walter Ackerman; District 3, William R. Edwards; District 4, H. E. Keeler; District 5, E. B. Black; District 6, F. D. H. Lawlor.

Evening Session, June 7. Presiding officer, President Little.

The program for this session was under the auspices of the Water Works Manufacturers' Association. The papers presented were:

² See JOURNAL, July, 1921, page 426.

³ See JOURNAL, July, 1921, page 433.

⁴ See JOURNAL, July, 1921, page 369.

⁵ See page 497 of this JOURNAL.

"Water Supply from the Supply Man's Viewpoint," Charles H. Ade.

"The Electrical Control of Valves," Peter Payne Dean, with lantern slides; discussion by W. W. Brush and J. M. Diven.

"Experience in the Development of Oil Engines,"⁶ F. B. Leopold; discussion by N. M. R. Wilson, J. W. Ackerman and R. B. Hammond.

"Standardization of Meters," R. K. Blanchard; discussion by Beekman C. Little and E. M. Nichols.

Morning session, June 8. Presiding officer, President Little.

The Annual Presidential Address was read by President Little. The following papers were then presented:

"The Romance of Water Storage,"⁷ George A. Johnson; discussion by B. C. Little, R. S. Weston, A. H. Jewell, Richard Messer, R. B. Morse, and the author.

The report of the Finance Committee⁸ was presented by Col. Geo. A. Johnson, chairman, and adopted by a formal vote.

"The Water Works of Erie, Pa.," John N. Chester, with lantern slides; discussion by M. N. Baker, G. C. Gensheimer, Allen Hazen, and the author.

"Overcoming difficulties with Animalcules at the Dallas Filters,"⁹ Helman Rosenthal.

Following these papers, further committee reports were read. The report of the Council on Standardization¹⁰ was presented by the chairman, George W. Fuller. The report was adopted.

In the absence of the chairman of the committee on Standard Form of Contract, J. M. Goodell, for the chairman, requested that the committee be continued for another year.

The Committee on Private Fire Protection Service reported that it was preparing a final report for the next convention. The committee was continued.

F. C. Jordan, chairman, made no formal report for the Membership Committee, but urged increased efforts for enlarging the membership list of the Association. The committee was continued.

The Standard Brass Fittings Committee reported progress and was continued.

⁶ See JOURNAL, July, 1921, page 412.

⁷ See JOURNAL, July, 1921, page 291.

⁸ See JOURNAL, July, 1921, page 448.

⁹ See page 530 of this JOURNAL.

¹⁰ See page 535 of this JOURNAL.

The report of the Committee on Revision of Standard Specifications for Cast Iron Pipe and Specials was read by its chairman, F. A. Barbour. This report was discussed by J. N. Chester, Allen Hazen, J. M. Diven, H. F. Dunham, and F. A. Barbour, after which it was accepted. The committee was continued.

The report of the American Committee on Electrolysis, according to N. S. Hill, one of the Association's representatives, is being prepared for publication.

Secretary Diven announced that the referendum vote on the amendment to the constitution, recommended by the executive committee, showed about ten to one in favor of an increase in annual dues from five to seven dollars for active, five to ten dollars for corporate, and ten to fifteen dollars for associate members. In addition the constitution was so amended as to have the secretary send notice of dues one month, instead of fifteen days, before the close of the year.

The amendment providing for a vote for officers by the convention, instead of by letter ballot, when only one set of nominations was in the field, was adopted.

Another amendment providing funds for the national sections was presented and adopted.

Afternoon session, June 8. Presiding office, Vice President Bartow.

The following papers were presented and discussed jointly:

"The Small Plant Operator as Scientist,"¹¹ Abel Wolman.

"The Loading of Filter Plants," H. W. Streeter.

"Tastes and Odors with Chlorination," W. A. Sperry.

"The Quality of Water at Different Points on a Water System,"¹² S. T. Powell; in the absence of the author, the paper was presented in abstract by Abel Wolman.

"State vs. Local Viewpoint on Filter Plant Control,"¹³ R. B. Morse.

"The Education and Training of Water Plant Operators," Lewis O. Bernhagen.

"Licensing Filter Plant Operators in New Jersey,"¹⁴ Charles H. Capen, Jr.

¹¹ See JOURNAL, July 1921, page 359.

¹² See page 522 of this JOURNAL.

¹³ See JOURNAL, July, 1921, page 356.

¹⁴ See JOURNAL, July, 1921, page 362.

The discussion following these papers was spirited and was taken part in by N. J. Howard, R. B. Morse, C. A. Brown, Paul Hansen, W. J. Orchard, D. R. Gwinn, F. W. Green, F. H. Waring, H. E. Jordan, A. U. Sanderson, Allen Hazen, and Abel Wolman.

Morning session, June 9. Presiding officer, T. A. Leisen.

The report of the Committee on Standard Specifications for Water Meters,¹⁵ of which C. M. Saville is chairman, was received and adopted.

This report was followed by a paper on: "A Method of Determining by a Single Flow Test of a Meter its Capacity at All Pressure Losses," F. B. Nelson, with lantern slides; discussion by W. W. Brush, R. K. Blanchard, E. S. Cole, and the author.

The following papers were read by title, in the absence of the authors:

"Use of Dynamite in Breaking Out Old Water Mains," Alvin Bugbee.

"Water Works Publicity," Scotland G. Highland.

Since time was available in this session, water works topics and questions were taken up.

The question, "Experience with Double Check Valves between Public Water Supplies and Polluted Private Fire Protection Supplies," was discussed by J. W. Ackerman, D. R. Gwinn, E. E. Davis, W. R. Young, Patrick Gear, and C. M. Crowley.

This discussion was followed by the presentation of the paper:

"Tapping Large Steel Mains Under Pressure," D. F. O'Brien, discussion by Philip Carlin and the author.

The question, "Extension of Water Mains," was discussed by D. R. Gwinn and W. W. Brush.

Dr. Edward Bartow then reported that the new Executive Committee had met and had reappointed J. M. Diven as secretary for the following year. The appointment of Abel Wolman was also announced as editor of the JOURNAL of the Association, to succeed J. M. Goodell, resigned. The following resolution was offered by the Executive Committee and was unanimously adopted by the convention:

The Executive Committee appreciates the services of Mr. J. M. Goodell as Editor of the publications of the Society during the past four years, and

¹⁵ See JOURNAL, May, 1921, page 273.

in acceding to his request that he be relieved from further service as Editor, recommends that the Association extend to Mr. Goodell a vote of thanks for the services he has rendered to this Association.

A similar vote of thanks was tendered to G. A. Johnson, the retiring chairman of the Finance Committee.

The Committee on Resolutions submitted a resolution thanking the Entertainment Committee and their associates in Cleveland for providing such excellent entertainment for members and guests of the Association during their visit to the city.

The Nominating Committee gave as their nominations for officers of next year the following list:

President, W. S. Cramer; Vice-President, George W. Fuller; Treasurer, W. W. Brush; Trustee, First District, G. W. Batchelder; Trustee, Fourth District, J. W. Ellms.

The vote for the city in which to hold the next convention resulted in the selection of Philadelphia.

Afternoon session, June 9. Presiding officer, D. R. Gwinn.

The following papers were presented:

"Mechanical Aids in Distribution Work," W. Montgomery Mitchell, with lantern slides; discussion by T. A. Leisen, H. C. Crawford, and the author.

"Ownership and Operation of Trench Excavators and other Mechanical Equipment by the Water Department of Baltimore," V. Bernard Siems, with lantern slides; discussion by W. Luscombe, T. A. Leisen and the author.

The paper on "Construction and Maintenance of a 6-inch Galvanized Wrought Iron Submarine Pipe Line" by James W. Graham was read by title.

Morning session, June 10. Presiding officer, President Little.

No definite program was planned for this morning. The following topics were discussed:

"Experience with Double Check Valves," discussed by W. A. McCaffrey and J. M. Diven.

"Failure of Cast Iron Pipe and the Causes," discussed in writing by Frank McInnes and on floor by J. M. Diven and B. C. Little.

"How to Obtain the Good Will of the Consumer," discussed by D. R. Gwinn, J. M. Diven, C. A. Brown, H. P. Bohmann, P. M. Wilson, E. E. Davis, F. C. Amsbury, C. R. Clafin, and H. C. Crawford.

A motion by P. M. Wilson that a committee be appointed by the Association to collect data dealing with methods of obtaining the good will of consumers was carried.

"Experience in Water Works Operation under Public Utility Regulations," discussed by E. B. Whitman, C. D. Vail and J. W. Ackerman.

"Services," discussed by J. W. Ackerman, G. C. Gensheimer, A. P. Folwell, A. J. Feeney, F. C. Amsbury, B. C. Little, S. Scarth, and J. F. Willett.

Afternoon session, June 10. Presiding officer, President Bartow.

The topical discussion was continued from the morning session.

"Water Bills," discussed by J. M. Diven, W. G. Patterson, H. F. Blomquist, and F. C. Amsbury.

"Knocking or Hammering in Water Mains," discussed by W. G. Patterson, G. C. Gensheimer, and H. F. Dunham.

These discussions were followed by a paper with lantern slides, on material handling equipment by G. R. Bascom. Other moving picture films were later shown which dealt with problems such as the manufacture of cast iron pipe, of trenching machines, and of valves.

At the convention there were approximately 410 active members, over 300 associates, and about 400 guests. On the evening of June 8, a smoker, and of June 9 a boat ride on the Lake were given. Excursions to various points of the city, theatre and card parties were provided for the ladies during the convention.

Chemical and Bacteriological Section, June 9. Presiding officer, J. J. Hinman, Jr.

The following papers were presented:

"Coagulation and Sedimentation with Chemicals," J. W. Ellms.

"Some Notes on Colloidal Chemistry as Applied to Water Filtration," Milton F. Stein.

"Application of Colloid Chemistry to the Study of Filtration," Malcolm Pirnie.

"Turbidimetry of Water," P. V. Wells.

"The Physical Chemistry of Iron Removal from Water," Robert Spurr Weston.

"Application of Colloid Chemistry to the Filter-Pressing of Sewage Sludge,"¹⁶ John Arthur Wilson, Wm. R. Copeland, Henry Mills Heisig.

¹⁶ See page 486 of this JOURNAL.

"Colloid Chemistry of Tank Treatment of Sewage," Langdon Pearse and F. W. Mohlman.

"Pollution of Streams by Waste from a Hydrogen Generating Plant," Edward Bartow and A. S. Behrman.

"The Reactions of Culture Media," George C. Bunker. Read by title.

The officers of the Section elected for the following year are: chairman, Allen Hazen; secretary, J. J. Hinman, Jr.; Executive Committee, Milton F. Stein, William Mansfield Clark, Lynn H. Enslow, Norman J. Howard, A. M. Buswell, Harry E. Jordan, W. C. Lawrence, F. H. Waring, and W. D. Hatfield.

The attendance at the sessions of the Section was about 150. The meetings were marked by active participation by a number of members in the discussions of the various papers.